

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/000865

| A. CLASSIFICATION OF SUBJECT MATTER Int. Cl. 7: C12Q 1/68, C12M 1/34, G01N 33/48 According to International Patent Classification (IPC) or to both national classification and IPC | | |
|--|--|---|
| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI, esp@cenet IPC: C12Q 1/68, C12N 15/00, C12M 1/-, B82B, G01N 33/-, G03G and keywords: DEPOSITION, MICRO, SUBSTRATE, ELECTROSTATIC, SPATIAL, REAGENT and similar terms | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | US 2002/0136978 A1 (HUANG) 26 September 2002 See whole document, especially abstract, paragraphs [0007]-[0025],[0035], [0044],[0049], [0056], [0110], [0111], [0130]-[0132], [0164]-[0167] and Figs.7-19 | 1-13 |
| X | WO 2000/25936 A1 (SARNOFF CORPORATION) 11 May 2000 See whole document, especially abstract, page 4 line 20 – page 5 line 17, page 6 line 26 – page 7 line 23, | 1-7, 10 |
| X | WO 2001/15800 A1 (PICOGRAM, INC.) 8 March 2001 See abstract, page 3 line 5- page 4 line 27, page 7 line 28 – page 8 line 2, page 11 lines 20-23, page 12 lines 3-8, page 13 lines 13-17, page 15 lines 10-22, page 21 line 1 – page 22 line 12. | 1-7, 10 |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex | | |
| * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family | | |
| Date of the actual completion of the international search 18 August 2004 | | Date of mailing of the international search report 24 AUG 2004 |
| Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929 | | Authorized officer BAYER MITROVIC Telephone No : (02) 6283 2164 |

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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|---|---|-----------------------|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | WO2003/031067 A1 (MASSACHUSETTS INSTITUTE OF TECHNOLOGY) 17 April 2003 See whole document, especially abstract, Figs 25-29 and paragraphs [00181]-[00187] | 1-7, 10 |

Information on patent family members

International application No.

PCT/AU2004/000865

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in Search Report | | Patent Family Member | | | |
|---|-------------|----------------------|------------|----|------------|
| US | 20020136978 | US | 2002136772 | US | 2002137719 |
| | | US | 2004013573 | WO | 02077194 |
| WO | 0025936 | EP | 1159084 | US | 6326149 |
| WO | 0115800 | EP | 1207955 | US | 2002137085 |
| WO | 03031067 | US | 2003077837 | | |
| Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001. | | | | | |
| END OF ANNEX | | | | | |